



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/209,577
Source: FFWO
Date Processed by STIC: 12-29-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/709,577

DATE: 12/29/2004

TIME: 16:28:56

Input Set : N:\KEISHA\SEQ_LIST.txt

Output Set: N:\CRF4\12282004\J709577.raw

3 <110> APPLICANT: ROSETTA GENOMICS LTD
 5 <120> TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY
 6 OLIGONUCLEOTIDES AND USES THEREOF
 8 <130> FILE REFERENCE: 50015
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/709,577
 C--> 10 <141> CURRENT FILING DATE: 2004-05-14
 10 <160> NUMBER OF SEQ ID NOS: 10068177
 12 <170> SOFTWARE: PatentIn version 3.2

ERRORED SEQUENCES

17813615 <210> SEQ ID NO: 1979290
 17813616 <211> LENGTH: 22
 17813617 <212> TYPE: RNA
 17813618 <213> ORGANISM: Homo sapiens
 17813620 <400> SEQUENCE: 1979290
 E--> 17813621 cccugcaccu g~~o~~uuguccc ug
 17815973 <210> SEQ ID NO: 1979552
 17815974 <211> LENGTH: 16
 17815975 <212> TYPE: RNA
 17815976 <213> ORGANISM: Homo sapiens
 17815978 <400> SEQUENCE: 1979552
 E--> 17815979 ccug~~o~~u~~u~~g~~u~~u cccugg
 18088277 <210> SEQ ID NO: 2009808
 18088278 <211> LENGTH: 23
 18088279 <212> TYPE: RNA
 18088280 <213> ORGANISM: Homo sapiens
 18088282 <400> SEQUENCE: 2009808
 E--> 18088283 ucccugcacc u~~g~~o~~u~~u~~u~~guccc cug
 18339962 <210> SEQ ID NO: 2037773
 18339963 <211> LENGTH: 19
 18339964 <212> TYPE: RNA
 18339965 <213> ORGANISM: Homo sapiens
 18339967 <400> SEQUENCE: 2037773
 E--> 18339968 ugcaccug~~o~~u~~u~~gucccug
 18418703 <210> SEQ ID NO: 2046522
 18418704 <211> LENGTH: 20
 18418705 <212> TYPE: RNA
 18418706 <213> ORGANISM: Homo sapiens
 18418708 <400> SEQUENCE: 2046522
 E--> 18418709 ugcaccug~~o~~u~~u~~gucccugg
 18440609 <210> SEQ ID NO: 2048956

Does Not Comply
 Corrected Diskette Needed

pls explain
 "N" location.

pls explain "N"
 location.

Same
 error

Same
 error

Same
 error

(pg. 4-5)

(pg. 1-3)

P/S see

error
 explanation
 on page 4.

DATE: 12/29/2004

TIME: 16:35:00

Input Set : N:\KEISHA\SEQ LIST.txt

Output Set: N:\CRF4\12282004\J709577.raw

18440610 <211> LENGTH: 23
18440611 <212> TYPE: RNA
18440612 <213> ORGANISM: Homo sapiens
18440614 <400> SEQUENCE: 2048956
E-->18440615 accuanc~~cccc~~ c~~cccccca~~ gug 23
18672062 <210> SEQ ID NO: 2074673
18672063 <211> LENGTH: 23
18672064 <212> TYPE: RNA
18672065 <213> ORGANISM: Homo sapiens
18672067 <400> SEQUENCE: 2074673
E-->18672068 ccuan~~cccc~~ c~~ccccccag~~ ugu 23
18774662 <210> SEQ ID NO: 2086073
18774663 <211> LENGTH: 21
18774664 <212> TYPE: RNA
18774665 <213> ORGANISM: Homo sapiens
18774667 <400> SEQUENCE: 2086073
E-->18774668 cuan~~cccc~~ c~~ccccccagu~~ g 21
18824090 <210> SEQ ID NO: 2091565
18824091 <211> LENGTH: 18
18824092 <212> TYPE: RNA
18824093 <213> ORGANISM: Homo sapiens
18824095 <400> SEQUENCE: 2091565
E-->18824096 acccag~~hagg~~ gcgucgcu 18
18875498 <210> SEQ ID NO: 2097277
18875499 <211> LENGTH: 18
18875500 <212> TYPE: RNA
18875501 <213> ORGANISM: Homo sapiens
18875503 <400> SEQUENCE: 2097277
E-->18875504 gcaccug~~cu~~ uguccug 18
19057568 <210> SEQ ID NO: 2117507
19057569 <211> LENGTH: 23
19057570 <212> TYPE: RNA
19057571 <213> ORGANISM: Homo sapiens
19057573 <400> SEQUENCE: 2117507
E-->19057574 caccuan~~ccc~~ c~~cccccc~~ agu 23
21475994 <210> SEQ ID NO: 2386221
21475995 <211> LENGTH: 23
21475996 <212> TYPE: RNA
21475997 <213> ORGANISM: Homo sapiens
21475999 <400> SEQUENCE: 2386221
E-->21476000 caccuan~~ccc~~ c~~cccccc~~ agu 23
21481646 <210> SEQ ID NO: 2386849
21481647 <211> LENGTH: 18
21481648 <212> TYPE: RNA
21481649 <213> ORGANISM: Homo sapiens
21481651 <400> SEQUENCE: 2386849
E-->21481652 gcaccug~~cu~~ uguccug 18
21499700 <210> SEQ ID NO: 2388855
21499701 <211> LENGTH: 18

↑ See error
explanation on
page 4.

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/709,577

DATE: 12/29/2004

TIME: 16:36:00

Input Set : N:\KEISHA\SEQ_LIST.txt

Output Set: N:\CRF4\12282004\J709577.raw

21499702 <212> TYPE: RNA
 21499703 <213> ORGANISM: Homo sapiens
 21499705 <400> SEQUENCE: 2388855
E-->21499706 acccag^gagg gcgucgcu
 21503282 <210> SEQ ID NO: 2389253
 21503283 <211> LENGTH: 19
 21503284 <212> TYPE: RNA
 21503285 <213> ORGANISM: Homo sapiens
 21503287 <400> SEQUENCE: 2389253
E-->21503288 ugcaccug^g uugucccug
 21505622 <210> SEQ ID NO: 2389513
 21505623 <211> LENGTH: 23
 21505624 <212> TYPE: RNA
 21505625 <213> ORGANISM: Homo sapiens
 21505627 <400> SEQUENCE: 2389513
E-->21505628 accuanc^gccc c^gacccccca gug
 21506144 <210> SEQ ID NO: 2389571
 21506145 <211> LENGTH: 23
 21506146 <212> TYPE: RNA
 21506147 <213> ORGANISM: Homo sapiens
 21506149 <400> SEQUENCE: 2389571
E-->21506150 ccuanc^gcccc c^gacccccag ugu
 21508826 <210> SEQ ID NO: 2389869
 21508827 <211> LENGTH: 21
 21508828 <212> TYPE: RNA
 21508829 <213> ORGANISM: Homo sapiens
 21508831 <400> SEQUENCE: 2389869
E-->21508832 cuanc^gcccc c^gacccccagu g
 21515009 <210> SEQ ID NO: 2390556
 21515010 <211> LENGTH: 23
 21515011 <212> TYPE: RNA
 21515012 <213> ORGANISM: Homo sapiens
 21515014 <400> SEQUENCE: 2390556
E-->21515015 ucccugcacc ug^guugucc cug
 21516827 <210> SEQ ID NO: 2390758
 21516828 <211> LENGTH: 22
 21516829 <212> TYPE: RNA
 21516830 <213> ORGANISM: Homo sapiens
 21516832 <400> SEQUENCE: 2390758
E-->21516833 cccugcaccu g^guuguccc ug

18

19

23

23

21

23

22

ALL
 SAME
 errors

See

error
 explanation
 on page

4

The above are
 global errors
 throughout sequence.

The type of errors shown exist throughout
 the Sequence Listing. Please check subsequent
 sequences for similar errors.

VARIABLE LOCATION SUMMARY
 PATENT APPLICATION: US/10/709,577

DATE: 12/29/2004
 TIME: 16:57:12

Input Set : N:\KEISHA\SEQ_LIST.txt
 Output Set: N:\CRF4\12282004\J709577.raw

Use of n's or Xaa's (NEW RULES): *Error explanation* ✓
 Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:1979290; N Pos. 13 ✓
 Seq#:1979552; N Pos. 6 ✓
 Seq#:2009808; N Pos. 14 ✓
 Seq#:2037773; N Pos. 10 ✓
 Seq#:2046522; N Pos. 10 ✓
 Seq#:2048956; N Pos. 6,13 ✓
 Seq#:2074673; N Pos. 5,12 ✓
 Seq#:2086073; N Pos. 4,11 ✓
 Seq#:2091565; N Pos. 7 ✓
 Seq#:2097277; N Pos. 9 ✓
 Seq#:2117507; N Pos. 7,14 ✓
 Seq#:2386221; N Pos. 7,14 ✓
 Seq#:2386849; N Pos. 9 ✓
 Seq#:2388855; N Pos. 7 ✓
 Seq#:2389253; N Pos. 10 ✓
 Seq#:2389513; N Pos. 6,13 ✓
 Seq#:2389571; N Pos. 5,12 ✓
 Seq#:2389869; N Pos. 4,11 ✓
 Seq#:2390556; N Pos. 14 ✓
 Seq#:2390758; N Pos. 13
 Seq#:2390808; N Pos. 6
 Seq#:2390988; N Pos. 10
 Seq#:2703607; N Pos. 6
 Seq#:2705297; N Pos. 10
 Seq#:2705298; N Pos. 10
 Seq#:2717477; N Pos. 14
 Seq#:2720693; N Pos. 7,14
 Seq#:2721503; N Pos. 9
 Seq#:2721971; N Pos. 4,11
 Seq#:2725260; N Pos. 7
 Seq#:2727513; N Pos. 13
 Seq#:2729110; N Pos. 6,13
 Seq#:2740193; N Pos. 5,12
 Seq#:2768229; N Pos. 6,13
 Seq#:2769755; N Pos. 14
 Seq#:2787109; N Pos. 13
 Seq#:2802493; N Pos. 10
 Seq#:2806661; N Pos. 6
 Seq#:2807676; N Pos. 9
 Seq#:2808860; N Pos. 10
 Seq#:2810933; N Pos. 5,12
 Seq#:2832366; N Pos. 7
 Seq#:2848705; N Pos. 4,11

VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/709,577

DATE: 12/29/2004

TIME: 16:57:12

Input Set : N:\KEISHA\SEQ_LIST.txt

Output Set: N:\CRF4\12282004\J709577.raw

Seq#:2852806; N Pos. 7,14

Seq#:3859019; N Pos. 6

Seq#:3887440; N Pos. 10

Seq#:3902900; N Pos. 9

Seq#:3907517; N Pos. 10

Seq#:3911848; N Pos. 4,11

Seq#:3921397; N Pos. 6,13

Seq#:3926739; N Pos. 13

2

VERIFICATION SUMMARY

DATE: 12/29/2004

PATENT APPLICATION: US/10/709,577

TIME: 16:57:12

Input Set : N:\KEISHA\SEQ_LIST.txt

Output Set: N:\CRF4\12282004\J709577.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:17813621 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1979290 ✓
L:17815979 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1979552 ✓
L:18088283 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2009808 ✓
L:18339968 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2037773 ✓
L:18418709 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2046522 ✓
L:18440615 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2048956 ✓
L:18672068 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2074673 ✓
L:18774668 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2086073 ✓
L:18824096 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2091565 ✓
L:18875504 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2097277 ✓
L:19057574 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2117507 ✓
L:21476000 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2386221 ✓
L:21481652 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2386849 ✓
L:21499706 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2388855 ✓
L:21503288 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2389253 ✓
L:21505628 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2389513 ✓
L:21506150 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2389571 ✓
L:21508832 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2389869 ✓
L:21515015 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2390556 ✓
L:21516833 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2390758 ✓
L:21517283 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2390808 ✓
L:21518903 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2390988 ✓
L:24332474 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2703607 ✓
L:24347684 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2705297 ✓
L:24347693 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2705298 ✓
L:24457304 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2717477 ✓
L:24486248 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2720693 ✓
L:24493538 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2721503 ✓
L:24497750 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2721971 ✓
L:24527351 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2725260 ✓
L:24547628 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2727513 ✓
L:24562001 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2729110 ✓
L:24661748 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2740193 ✓
L:24914072 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2768229 ✓
L:24927806 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2769755 ✓
L:25083992 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2787109 ✓
L:25222448 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2802493 ✓
L:25259960 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2806661 ✓
L:25269095 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2807676 ✓
L:25279751 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2808860 ✓
L:25298408 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2810933 ✓
L:25491305 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2832366 ✓
L:25638356 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2848705 ✓
L:25675265 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2852806 ✓
L:34731182 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3859019 ✓
L:34986971 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3887440 ✓

VERIFICATION SUMMARY

DATE: 12/29/2004

PATENT APPLICATION: US/10/709,577

TIME: 16:57:12

Input Set : N:\KEISHA\SEQ_LIST.txt

Output Set: N:\CRF4\12282004\J709577.raw

L:35126111 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3902900
L:35167664 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3907517
L:35206643 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3911848
L:35292584 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3921397